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Barbara Nolan  
Printed Name

*Barbara Nolan*  
Signature

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*Sept. 17, 2003*

Date of Deposit

Cygnus Docket 0207.04  
Serial No. 1.53(b) of 09/109,505  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: William ABRAHAM, et al

Examiner:  
unassigned

Serial Number: 1.53(b) of 09/109,505

Group Art Unit:  
unassigned

Filed: filed on even date herewith

For: HYDROGEL FORMULATIONS FOR USE IN  
ELECTROOSMOTIC EXTRACTION AND  
DETECTION OF GLUCOSE (as amended herein;  
previously "Hydrogel Patch")

**POWER OF ATTORNEY**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Barbara G. McClung, Senior Vice President, General Counsel of the assignee, Cygnus, Inc., hereby appoint Barbara G. McClung, Reg. No. 33,113, and Gary R. Fabian, Reg. No. 33,875 as our attorneys and agents to prosecute said application, and to transact all business in the Patent and Trademark Office connected herewith.

Please address all future communications to the following address:

CYGNUS, INC.  
Intellectual Property Department  
400 Penobscot Drive  
Redwood City, CA 94063  
Phone (650) 599-2527  
Facsimile (650) 599-3913

Respectfully submitted,  
CYGNUS, INC.

  
Barbara G. McClung  
Senior Vice President, General Counsel  
Registration No. 33,113  
Phone: 415-599-2527

Date: 17 Sept 03

Cygnus, Inc.  
400 Penobscot Drive  
Redwood City, CA 94063

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

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JULY 26, 1997

PTAS

FISH & RICHARDSON P.C.  
KARL BOZICEVIC  
2200 SAND HILL ROAD, SUITE 100  
MENLO PARK, CALIFORNIA 94025



\*100448158A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/18/1997

REEL/FRAME: 8567/0740  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

ABRAHAM, WILLIAM

DOC DATE: 09/20/1996

## ASSIGNOR:

BERNER, BRET

DOC DATE: 09/20/1996

## ASSIGNOR:

JOSHI, PRITI S.

DOC DATE: 09/20/1996

## ASSIGNOR:

PLANTE, PHILLIP J.

DOC DATE: 09/20/1996

## ASSIGNOR:

VIJAYAKU, PREMA

DOC DATE: 09/20/1996

## ASSIGNEE:

CYGNUS, INC.  
400 PENOBCOT DRIVR  
REDWOOD CITY, CALIFORNIA 94063

**COPY**

8567/0740 PAGE 2

SERIAL NUMBER: 08680719  
PATENT NUMBER:

FILING DATE: 07/11/1996  
ISSUE DATE:

SEDLEY PYNE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## ASSIGNMENT

COPY

For valuable consideration, we, WILLIAM ABRAHAM, of Fremont, California; BRET BERNER of El Granada, CA; PRITI S. JOSHI of San Jose, CA; PHILLIP J. PLANTE of Sunnyvale, CA; PREMA VIJAYAKUMAR of Fremont, CA hereby assign to Cygnus, Inc., a Delaware corporation having a place of business at 400 Penobscot Drive, Redwood City, CA, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled HYDROGEL PATCH, filed July 11, 1996, and assigned U.S. Serial Number 08/680,719, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Redwood City, CA,  
this 20 day of September, 1996

WILLIAM ABRAHAM

I.S.

STATE OF \_\_\_\_\_ :

:ss.

COUNTY OF \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared

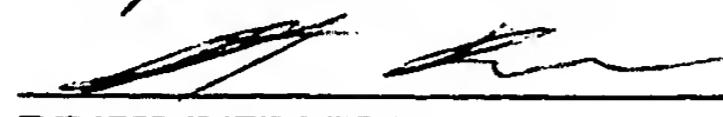
\_\_\_\_\_ known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Redwood City, CA,  
this 20 day of September, 1996

  
BRET BERNER

L.S.

STATE OF CA :

:ss.

COUNTY OF \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared

\_\_\_\_\_ known to me to be the person whose name is subscribed to the  
foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the  
purposes therein contained.

**COPY**

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Redwood City,  
this 20 day of Sept, 1996

  
PRITI S. JOSHI

L.S.

STATE OF \_\_\_\_\_ :

:ss.

COUNTY OF \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared

\_\_\_\_\_ known to me to be the person whose name is subscribed to the  
foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the  
purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Redwood City, Ca,  
this 20th day of September, 1996

Phillip J. Plante  
PHILLIP J. PLANTE

L.S.

STATE OF \_\_\_\_\_ :

:ss.

COUNTY OF \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared

\_\_\_\_\_ known to me to be the person whose name is subscribed to the  
foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the  
purposes therein contained.

**COPY**

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Redwood City, Ca,  
this 20th day of September, 1996

Prema Vijayakumar  
PREMA VIJAYAKUMAR

L.S.

STATE OF \_\_\_\_\_ :

:ss.

COUNTY OF \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared

\_\_\_\_\_ known to me to be the person whose name is subscribed to the  
foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the  
purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

COPY

ACKNOWLEDGMENT

State of California

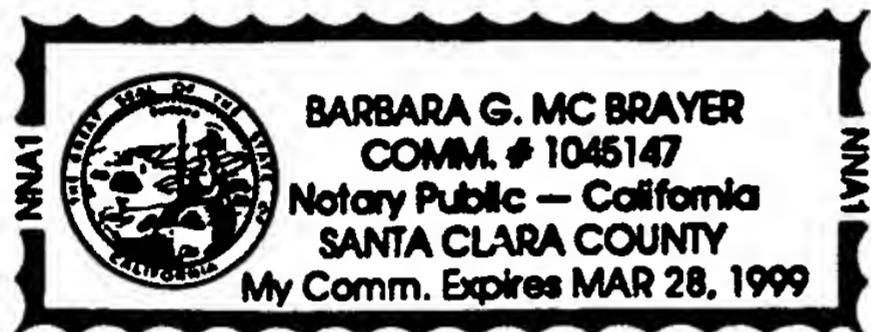
County of San Mateo

On September 20, 1996 before me, Barbara G. McBrayer, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared William Abraham, Bret Berner, Priti Joshi, Phillip J. Plante, and Prema  
Vijayakumar

Names(s) of Signer(s)

personally known to me  
 proved to me on the basis of satisfactory evidence

to be the persons whose names are subscribed to the within instrument and acknowledged to me  
that they executed the same in their authorized capacities, and that by their signatures on the  
instrument the persons or the entity upon behalf of which the persons acted, executed the  
instrument.



WITNESS my hand and official seal.

A handwritten signature in cursive script that reads "Barbara G. McBrayer".

Signature of Notary Public

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled HYDROGEL PATCH, the specification of which

is attached hereto.

was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_.

was described and claimed in PCT International Application No. \_\_\_\_\_

filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. SERIAL NO.	FILING DATE	STATUS
<u>08/501,664</u>	<u>July 12, 1995</u>	<input checked="" type="checkbox"/> Pending <input type="checkbox"/> Issued <input type="checkbox"/> Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Karl Bozicevic (28,807); Deirdre L. Conley (36,487); Carol L. Francis (36,513), William E. Booth, Reg. No. 28,933; Barry E. Bretschneider, Reg. No. 28,055; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; Alan H. Gordon, Reg. No. 26,168; John F. Land, Reg. No. 29,554; John B. Pegram, Reg. No. 25,198; Rene D. Tegtmeyer, Reg. No. 33,567; Hans R. Troesch, Reg. No. 36,950; Dorothy P. Whelan, Reg. No. 33,814; Charles C. Winchester, Reg. No. 21,040.

Address all telephone calls to Karl Bozicevic at telephone number 415/322-5070.

Address all correspondence to Karl Bozicevic, Fish & Richardson P.C., 2200 Sand Hill Road, Suite 100, Menlo Park, CA 94025.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both,

**COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED**

**COPY**

under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: WILLIAM ABRAHAM

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: 35600 Purcell Place, Fremont, CA 94536

Citizen of: India

Post Office Address: Same as above

Full Name of Inventor: BRET BERNER

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: 239 El Granada Bl., El Granada, CA 94018

Citizen of: United States of America

Post Office Address: Same as above

Full Name of Inventor: PRITI S. JOSHI

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: 5919 Royal Ann Dr., San Jose, CA 95129

Citizen of: India

Post Office Address: Same as above

Full Name of Inventor: PHILLIP J. PLANTE

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: 655 South Fair Oaks Avenue, M-116, Sunnyvale, CA 94086

Citizen of: United States of America

Post Office Address: Same as above

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

COPY

Full Name of Inventor: PREMA VIJAYAKUMAR

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: 43493 Southerland Way, Fremont, CA 94539

Citizen of: India

Post Office Address: Same as above

45130.P11

COMBINED DECLARATION AND POWER OF ATTORNEY

COPY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled HYDROGEL PATCH, the specification of which

is attached hereto.  
 was filed on July 11, 1996 as Application Serial No. 08/680,719 and was amended on \_\_\_\_\_.  
 was described and claimed in PCT International Application No. \_\_\_\_\_  
filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

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U.S. SERIAL NO.	FILING DATE	STATUS
<u>08/501,664</u>	<u>July 12, 1995</u>	<input checked="" type="checkbox"/> Pending <input type="checkbox"/> Issued <input type="checkbox"/> Abandoned

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Address all telephone calls to Karl Bozicevic at telephone number 415/322-5070.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both.

**COPY**  
**COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED**

under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: WILLIAM ABRAHAM

Inventor's Signature: William Abraham Date: 9/20/96

Residence Address: 35600 Purcell Place, Fremont, CA 94536

Citizen of: India

Post Office Address: Same as above

Full Name of Inventor: BRET BERNER

Inventor's Signature: [Signature] Date: 9/20/96

Residence Address: 239 El Granada Bl., El Granada, CA 94018

Citizen of: United States of America

Post Office Address: Same as above

Full Name of Inventor: PRITI S. JOSHI

Inventor's Signature: Priti Joshi Date: 9/20/96

Residence Address: 5919 Royal Ann Dr., San Jose, CA 95129

Citizen of: India

Post Office Address: Same as above

Full Name of Inventor: PHILLIP J. PLANTE

Inventor's Signature: Phillip J. Plante Date: 9/20/96

Residence Address: 655 South Fair Oaks Avenue, M-116, Sunnyvale, CA 94086

Citizen of: United States of America

Post Office Address: Same as above

[signatures continued]

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

COPY

Full Name of Inventor: PREMA VIJAYAKUMAR

Inventor's Signature: Prema Vijayakumar Date: 9/30/96

Residence Address: 43493 Southerland Way, Fremont, CA 94539

Citizen of: India

Post Office Address: Same as above

45130.P11